Record Group 104. Entry 28.

Assay of Nickel. 1860-1864.

Digitized October 24, 2023, Philadelphia, Pennsylvania.

Box 10, Book 5, for 1860-64.

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RG 104 RECORDS OF THE BUREAU OF THE MINT

Records of the U.S. Mint at Philadelphia
Operating Records
Records of the Assays

ASSAY WORKBOOKS, 1795-1905

Box 10 NC-152 Entry 28

HC1-80523408 10|

April. 18" 1860

4 Boxes of Nickel from Kensingto

3 gos. 3107 Silex 56.
3045 Iron 51 77.07

No 82 April. 18" Ditto
3080 Silex 43
3039 Iron 56. 77.12

Iron 0.9
Silex Has 1.05

April. 20" 5 Boxes of Nickel

3120 Silex 59
3066 Iron 45 77.70

April 20" Ditto
3110 Silex 53
3055 Iron 44 77.54

April 30" 5 Boxes Kensington

Ix. 28

3088 Silex Iron
3056 78.09 40 39

April 30" Ditto

3125
3092 78.88 45 40

May 3 Ditto

3112
3063+8 78.30 48. 38
3071

May 7" 5 Boxes nickel Kens.

3070
3040 77.59 40 42

May 8" Ditto

3007
2982 75.86 43 47

May 10" Ditto

3095
3057 77.88 48 40

May. 14" 4 Boxes Nickel

23 { 3085 Silex
{ 3055 77.75 43 48

May 15" Ditto.
{ 3066
{ 3020 77.14 33 46

May 21" 5 Boxes Kine

Sx. 14 { 3070
{ 3045 77.25 50 50

May 22 Ditto.
{ 3030
{ 3004 76.62 38 45

May 23 Ditto
{ 3069
{ 3050 77.77 40 45

May 24 Ditto
{ 3068
{ 3030 77.01 47 47

Ch. 77.25

[illegible]

May. 28 4 Boxes Kensing.

{3190
{3125 79.43 36 61

May 29" Ditto.

{3202
{3150 79.66 48 65

May 30" Do.

{3180
{3125 79.45 39 57

Rep. 79.5

June 4" 4 Boxes. Kens.

4/7 {3210
{3142 79.92 47 48

June 5" Ditto

{3190
{3112 79.03 46 53

June 6" Do.

{3195
{3160 79.64 61 63

Rep. 79.8

June 11" 4 Boxes Kensing, Pick,

3245
3190 81.50 31 52

June 12" Do. Do.

3252
3198 81.65 33 52

June 13 Do Do

3244
3206 81.53 42 56

Ref. 81.6

June 17" 3 Boxes Nickel Ken

3195
3138 79.74 42 56.

June 19" Do.

3235
3152 79.88 46 61

June 20" Do

3190
3146 79.61 49 62

Ref. 79.8

June 23d 3 Boxes Ni Kensn
3130
3094 78.62 44 53

June 27 Do
3175
3122 79.09 49 58 Reh 79
June 28 Do
3195
3117 79.03 48 56

July 2d 3 Boxes Kens: Ni
3155
3097 78.17 52 65
July 3d Do Do
3165
3090 78.11 47 65 Reh 78.1
July 5 Do Do
3180
3080 77.70 52 63

July 9" 3 Box. Nic. Ken.
{3160
{3105 78.72 51 53
July 10 Do
{3190
{3108 78.75 52 54
July 11 Do
{3165
{3109 78.51 56 60

July 16" 4 Box. Nic. Ken.
{3320
{3228 81.40 52 73
July 18" Do Do.
{3365 82.24 (55
{3260 82.52 44) 70
July 19" Do. Do.
{3460
{3258 82.16 59 67

(82.24)

Rep. 78.75

Rep. 82.2

July 31. " 6 Boxes Nickel Giled Iron

3143
3095 78.30 51 59

Aug. 1st " Do. Do.

3248
3116 78.85 50 60

3085
3068 78.12 40 50

Ref. 78. 4

C.

March 4th 2 Boxes Nickel

2 grammes Moro Phillips

{ 2443
137 Sides { 2400 91.33 41 38

6,8
38
7
2.66
1.7
6.8
91.3
88.4

{ 2452
{ 2400 91.25 43 38

{ 2435
{ 2390 91.29 33 37

91.29
273.87
91.29 Rept. 91⅓

March 15th 4 Boxes Phillips.

105 Sx. { 2360
{ 2290 87.19 41 33

carbon

3.4 { 2435
88.5 { 2330 Rept 88¾ 88.81 44 29

5 2
3.4 { 2395
91.4
2. { 2328 88.69 44 30
98.6

March 18" 3 Boxes Birmingham.

12 s. { 2573
2528   96.72   43   27

11 s. { 2602
2522   96.52   41   28

{ 2568
2526   96.48   44   30

3)289.72
96.57 Rep.

96-5
5
1-0
98

Reassay of 4 Boxes of March 16th

{ 2400
2308   87.90   44   30

Rep. 88½

Rep. at 96½

April 12" 6 Boxes. (M. Phillips

Siter 180	2320			
	2295	87.47	40	32
177	2315			
	2280	86.13	44	47
	2310	Defective		
	2270	85.86	45	43
	2350		87 1/4 9 1.9	
	2299	87.31	~~97.1~~ 43	37

June 23d

9 Melts Kensington Alloy

695			
684	11.70	43	46
710			
695	11.76	42	55

July 3d

9 { 2620
2458 92.59 58 47

28 { 2522
2496 94.87 38 47

30 { 2570
2486 95.10 30 39

Ref 94.8

July 6th

20 boxes bar nickel

9 { 2090
2052 78.14 30 36

{ 2110
2066 78.62 31 37

Ref 78.8

{ 2120
2088 79.09 37 41

Re Assay of Lot of July 3d

2545
2484 94.83 33 41
Rep. 94.8

Sept 12th 8 Boxes Kensington N

Sd
150
2312
2250 85.94 30 36

Sd
146
carbon
19
2324
2256 86.25 30 34
Rep. 86 -

149
2295
2248

Nov 9th 1861 5 boxes of Nickel
2000 ℔ Silex 148
169

Nov. 9th 5 Boxes

148 {2155
2120 79.48 43 57

169
161 {2140
2105 79.05 44 52

Reported 79½

79.5
8.0
15
870

157 {2135
2110 79.72 38 46

180 {2100
178 2070 78.85 27 39

Melter & Refiners cent metal cast into Ingots Nov 20th 1862

775 Silver 42
737 133 = 21

Reassay of the above
760
730

Nov 23d 30 Melts of Nickel alloy for cent coin -

885 Si 51
878 Tin 26 Nic 15.75

Re assay of the above -

905 38
877 24 Nic 16.13

Reported 15.9

Jan. 25th 62 Eleven Melts

3 grms.

637
632 15.13 37 18

635
642 15.34 35 22

30.47 Rept 15¼ per ct

Feb. 3 15 Boxes Nickel

2433
2315 58.39 33 56

2330
2278 57.52 33 52

2336
2284 57.68 35 52

2382
2340 58.89 40 55

2330
2308 58.23 36 52

Assay of the same fresh sample
1st Dec 2342
2317

May 16th 1862

6 boxes of English Nickel

2000 ~~##~~ Silex - 10 ##

Oxid of Ni

2562
2527 96.05 56 30

2560
2524 95.62 64 30

2558
2532 96.17 58 30

3)287.84
95.94 Rep 96 per ct

May 20th 1862 21 boxes of English
Nickel of Copper —

		Silex	Iron
2125			
2088	78.5	54	39
2143			
2109	79.21	57	39

{2132 Silic Iron.
{2109 78.8 67 39
Reported 79-per ct.

{2092 Silex Iron
{2050 76-14 62 53
Silex 3.25"

2100
2032

Jun. 14th 28 Boxes.

1st

2130 Sili. Iron
2100 79.24 48- 38

2d

2142
2121 79-84 52 40

3 D

2150

2118 79-41 56-44

Reported = 79½ per ct

Assay of Specimen of Nickel by the Director

2455 Silex 87 4,3 Silex 80

2428 Sulphur .55 Iron 47

Carbon 1 per ct

90.5

2435 Silex 60

2405 Iron 44

90.5

2430 Silex 110

2404 90.5 Iron say 44

Silex 4.3

Carbon 1.0

Iron 1.55 97.8

Sulp .55

Aug 11th Specimen of English Nickel

Silex 30th

2557 Silex 62 Iron 35
2532 95.77
3/2

2600
2519 Silex 50 Iron 35
95.77

Aug 23d Sample from 6 cases of Birmingham Nickel

2 Grammes Silex 26
2593
2532

Silex 58 35

95.85

2575
2530 95.93 62 30

Cent Ingots from McDowell & Co
(Kensington Aug 30 1862
Lot No 1   733   Silex 68   29
715

Sep 2d 1862 Cent Ingots
from McDowell & Co
Lot No 2   737
727

Reassay 737
718   12.37   62   27

~~Aug~~ Sep 5   Lot 3d McDowell
730
715   Silex 59 Iron 36
12.2

Sep 6th lot No 4 McDowell
724
724   705   12.04   70 - 23

~~Sep~~ 10 Lot No 5 McDowell
705   Nickel
690   11.90   Silex 59 Iron 21

Rivanny lot No 5 from
McDowell
715 Siles 64 21
893 11.96

lot No 6 from McDowell &c
Sep 15 725 Sil Iron
713 12.33 paid 64- 22

Sep 18 lot No 7 from McDowell &c
732 702
712 690 65.20 70

Sep 20 lot No 8 from McDowell &c
680 695 1st 60-19
668 674 65.19 iron est
11.6
11.6

Sep 27 lot No 9 from McDowell
see ingot book
~~Coffee lot~~
Sep 27 lot No 11 McDowell
715 695 12.02 59.25

Oct 2 lot No 12 from McDona

725

715

Oct. 13 lot 1 & 2 English nickel

Ox Ni 2548 65.30

2528 95.7

2750.c Not well washed

2548

2d Wash 2532 95.85

Oct. 24th three cases of English nickel

2610

2555

2543 96.014 66.37

2570

2545 96.40 62.32

Sep 15 lot No 6 from McDowell

725

713 12.33 64. 22

Assay of Two boxes of English Nickel Nov 1/62

2000#

2 Boxes of English Nickel

2000#

2542

2530 96.01 65. 25

2595

2550 96.7 60. 32

7

Doubtful

~~2540~~

~~2520~~

2560

2550 96.8 62. 28

Nov. 10th 1862

One Box of English Nickel

2540

2520 95.7 57. Doubt ~~25~~ 31

57 - 31

2580

2515 95.4

Two Boxes of English Nickel

2582 Nov 16/62

2550 96.56 65.31

2595

2548 96.47 66.30

Six boxes of English Nickel

2565

2528 96.48 52.24

2574

2540 96.56 59.27

Dec^d 15 two boxes of Nickel
2660 Select 18
2615 97.39 105 : 35

Dec^d 15 one box of Nickel
2565
2540 95.18 95 .026

Dec^d 16 one box of Nickel
2575
2555 96.4 80-25

One box of Nickel Rec
Dec 20 large size box
2610 62.25
.2552 . 97.4

Two boxes of Nickel Rec
Dec 20 Small boxes
60 29
2570
2530 95.85

One box of Nickel Recd Dec

2562 00.1

2516 95.2 64 21.7 30
25

Five boxes of English Nic
Recd Dec 29th 1862

2610

2538

[illegible] 96.3 60 30

6

21

Two boxes of Nickel

2560

~~25~~32 95.7 70 30

Three boxes of English Nickel
Jany 10/63

Three do

2625

2565 96.95 59.42

Cubical Nickel Jan 21

2635

~~2565~~

2570 97.43 53 41

Repeat

2650 75-40

2587 97.3

Six boxes of Nickel

Jany 21

2573

2512 94.8 70-30

2 boxes of Nickel

2595

2545 96 73- 31

6 Boxes of English Nicke

2590

2555 9[illegible] Silex & Iron

150

1863

March 6th German bal on
ccake Nickel 4 Grammes
2770 Silex 1.45
2720 Iron 0.55
49.38 say 49.4 200

March 9th two boxes of
English Nickel
2680
2637 97.1 Si 130.38

March 10th 4 boxes of English
Nickel
2630
2580 96½ 100 — 28

March 19/63 Two boxes of English Nickel

2560 52 29

2532 96-4

March 20 one box of German Nickel

2600

2552 52.57

1390

1327 49.2 44.32

Mar 26 Two boxes of English Nickel

2575

2538 96-4 55-28

Mar 27 Two boxes of English Nickel

2560

2525 96

March 30 Two boxes of English Nickel (Robbins)
2550
2530 96.3 50. 32

April 21 4 boxes of English Nickel (Robbins)
2540
2510 95.80 40-34
No. 21. 22. 23. 24

April 24 two boxes of Nickel No. 25.26 Robbins
2530
2498 95.6 39-27

April 27 two boxes of Nickel Evans & Askin
No 65-66
2625
2525 96.4 39.32

April 27 two boxes of German Nickel

2600 "

2550 48.44 48. 40

add .50 hact

48.94 say 49

2570

2538 45. 46

April 29 1863 two cases of Nickel No. 27. 28 ~~Evans & Askin~~ Robbins

2595

2520 96.4 say 70

May 9th 1863 One box of German Nickel No. 702

2670 49.3

2678 48.8. add ½

May 11 1863 4 Boxes of Nickel Evans & Askins — No. 67. 68. 69 & 70

2550 50. 30

2525 96.17 say .2

May 12. two (2) boxes of
Nickel No. 29.30 Robbins

2619 "

2570 97.8 52,, 29

2 boxes of Nickel Robbins
May 27. No. 31-32

2560

2520 96.1 50,, 25

May. 30 1863 two boxes
of Cubical Nickel

~~2595~~ 5360 ~~2540 40~~

5120 ~~2530 $\frac{21}{62}$~~ 49.40

98.98 Say 99 per ct 97.1 per ct

May 30. 2 boxes of German
Nickel.

2595

2550 48.4 add $\frac{1}{2}$ 50.38

48.9

2 boxes of Nickel No. 33-34
Robbins
2595
2540 96.9 40-36

June 10th 1863 two boxes
of Nickel Nos. 1.2 Van Wart
2630
2540 97. 42.31

June 11 1863 two boxes
of Nickel No. 35.36 Robbins
2575
2531 97.1 perct 40. 27
June 23d 1863 two boxes of
Nickel No. 3 & 4 Van Wort
2555 50. 28
2498 95.4
June 24. 2 boxes lot Nos. 39-40
Robbins
2510-2484 96.— 28-20

June 27 two boxes of Nicke
No. 37-38 Robbins
2580 —

2526 96.9 39. 22

In the second washing the lumps were not broken as usual and is probably one or two tenths too high say 96.8

June 30 two boxes of Cubical Nickel
2610 Fleightman & Wiess
2571 Fleitman & Wiess:
98.8 38. 22
22
60

July 10th 1863 two boxes of Nickel No. 41-42 Robbins
122:
2565
2533
Sil
44 - 37

96.486 (96½)

July 10 1863 two boxes of
Nickel No 5-6 Evans & Asken
2535
2502 95.8 39. 27

July 23 1863 two boxes of
Nickel Nos 7-8 Evans & Asken
2565
2527 96.480 Silex 47.. 28
July 27 two boxes of Nickel
No 9.10 Evans & Asken
2592
25128 96.48 35.. 25

July 30 1863 two boxes of
Nickel No 45.46 Robbins
2540
2502 96.0 35- 27
July 31 1863 two boxes of Nicke
No 43-44 Robbins ---
2580 96.48
2515 35- 27

Aug 1st 1863 two boxes of Nickel No.s 11-12 Evans & Asken

2562 Si S.

2517 96.6 38. 20
22

Aug. 8 two boxes of Nickel No. 47-48 Robbins

2585

Est

2520 96.56 38 - 27

Aug 8 two boxes of Nickel No. 13-14 Evans & Asken

2550

2512 96.38 38 - 25

Aug 15 two boxes of Cubical Nickel Fleitman & Wier

2570 Cubical Nickel

2524 35 = 30

96.8 Contains Copper

Aug 21 1863 two boxes of Nickel No. 15:16 Evans & Asken

2620 - 2518 96.4 43 .24

Aug 25th 1863 two boxes of Nickel No. 17.18 Evans & Askin

Ni 2595

2530 96.64 48. 26

Assay of Slips for W. Book from Waterbury

722 + 737 12.77 + 37-18

700 717 12.69 50.

At Sept. 1st 1863 four boxes of Nickel No. 49-50-51-52 Sil $\frac{32}{1.5}$

2607

2545 97.3 45 26

Sept. 3 1863 two boxes of Nickel No. 19.20 Evans & Askin

2605

2512 96— 48 - 26

Sept 15 1863 two boxes of Cubical Nickel No. 7. 8 Fleitman & Witte

2685 54

2585

2630 98.57 42. - 22

2565

2 to follow

Sept. 15 1863 two boxes of Nicke
No 21-22 Evans & Asken

2625

2545 96.95 51- 30

Sept. 23 1863 two boxes of
Nickel No 55.56 Robbins

2520

2585

2537 96.5 55- 29

Sept 27 two boxes of cubical
nickel Nos 9-10 Fleitman & Wi

2620

2568 98.. 53 29

Sept. 29 two boxes of Nickel
No 23-24 Evans & Asken

2570 51-.29

3 3

48 - 26

2510 95.8

Sept. 29 two boxes of Nickel
Nos 59-60 Robbins

2570

2520 96.5. 421. 25

Reassay of No. 23-24 Evans & Askin

2585 Sil. Iron

2520 96. 51 - 29

October 14 two boxes of Cubical Nickel Nos. 11-12 Fleitman & Co

2625 Cob 38 Iron

2550 97.58 loss by 1/6 97.81 .40 - 30

Oct. 23 two boxes of Nickel Nos. 25 & 26 Evans & Askin

2620

2505 96.1 38. 24

Oct. 24 two boxes of Cubical Nickel No. 13.14 Fleitman & Witte

2606 Iron Silicon

2565 98.45 25.38

2615

2560 98.6 25.27

Nov 7th 1863 two boxes of Nickel
No. 27. 28 Evans & Askin

2590

2514 96.5 35. 25
2 5
60

Nov 14 1863 two boxes of Nickel
Nos. 29-30 Evans & Askin

2580

2510 96.3 38. 26

Decr. 2 1863 three boxes of
cubical nickel Nos. 15.16.17

2605 Flietman & Witte

2553 97.82 Say 98 40. 27

Decr 10th two boxes of Nickel
No. 31-32 Evans & Askin

2585

2532 96.88 25. 45

Jany 11th 1864 Specimen of
Nickel from Wharton Per Directn
2000 ~~Att~~

27
Silex 164 twice
Si 47 - 52
Sulphur .414

2385
2335

Nic 87.98
2395 Silex 8.00
2330 Iron 1.73
97.71

2 boxes of Cubical Nickel
Jany. 1th 1864 No 18.19 Fleitmann
2598
2540 96.72 40 - 42
2 filter
96.92
Iron 1-00
Copper 2.
99.92

2645
2520

Jany 28th 1844 two boxes of Nickel No 91-92 Evans & Askin

2590 Si

2528 95. 52 .. 60

2550 44 - 22

2498 95.7

Feb 1st 1844 two boxes of Nickel Nos X & Z Robbins 95.96

2540

2498 95.22 34 - 45

Feb 6 two boxes of Nickel Nos 97-98 Robbins

~~2575~~

2555 Filter broke

2470 949 R A 96.3 38 21

Feb 16 1844 one box of Nickel from Wharton Piles 162

2392

2335 87.20 42 - 76

Silica 8.00

Iron 2.6

97.8

Reassay of Robbins No 97 & 98

2572

2518   96.3 ——— 44 - 26

Feb 17 three boxes of Cubical
Nickel No 20.21-21 Flietman

2588   Contains copper

2510   95.85   40 - 33

2620

2530   96.486   42. 37

March 7 1866 two boxes of
Nickel No 2.3 from. Wharton

Solon 148
149

2432

2366   89.6   89.25   44. 53

Si 7.30

2460   S 1.8

98.3

2380   89.56   48. 55

2378   89.5

Repos- 89.25

Jany 15 fluxed grains from
cent alloy,

345

Li L

352 5.9 411.15

Feb 1st fluxed grains from
Skimmings

1652

1602 45. 250

Feb 2d fluxed grains from
cent Alloy 17 Melts

3480

328 5.3 40.15

March 1 1844 grains from
cent alloy 9 Melts

490

485 8.4 411.15

Nickel Matt precipitation with
Succinate of Ammo

171—

152

Mar 17 three boxes of Nickel
from J Wharton No 5

2395 Silex 152

2356 88.85 40.58 155

7.50

2410 1.96

2352 98.31

Mar 18 No 4 100lbs of Nickel
by J Wharton Silex 164

2398

2348

Nickel 170

Copper from Nickel Sulphide
62.

Copper from Gold Matt
1650
330

Copper from Copper Matt
3812
3750
59.87 : 60.

Iron 840

3 Melts of Ingots from
skimmings

1st Determination 832
loss in smelting 18
814
Silex & Iron 74
740
Nickel 14-55

Melt of Ingots from Skimmings
10.75
1052 Silex 60 - 135

16.90

Nov 17 Bars from Skimmings
780
755
Nov 30 1863 Bars from precipitation from Solution
550
520 32.90

5120
787
35840
40960
35840
4029 400
1

42
17
17

5120
87
5037
787
35217
40248
35210
(4 (3955) 0
98.9

2530
19
2451
781
17151
15608
17157
15288 3
96.4

22
7
154
77

97.8
10
.98

1 5

2366
187
18520
20880
18520
20793
183

27
7
189
91

6
21
40 [illegible]